

What is claimed is:

1. A method of treating a viral  
infection in a subject, said method comprising  
5 treating the subject with a therapeutically  
effective amount of a sulfur-containing  
(H<sup>+</sup>/K<sup>+</sup>)ATPase inhibitor.

2. The method of Claim 1 wherein the  
10 compound contains a sulfoxide.

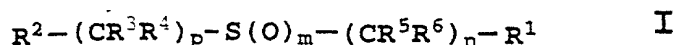
3. The method of Claim 1 wherein the  
subject is infected with a DNA virus.

4. The method of Claim 3 wherein the  
15 subject is infected with a herpesvirus.

5. A method of treating viral infection  
in a subject, said method comprising treating the  
20 subject with an effective amount of a compound  
which inhibits an (H<sup>+</sup>/K<sup>+</sup>)ATPase and a viral  
protease.

6. A method of treating viral infection in a subject, said method comprising treating said subject with an effective amount of a compound of Formula I

5



wherein  $R^1$  is selected from alkoxy, alkoxy carbonyl, dialkylamino, aryl and heteroaryl, wherein  $R^1$  is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, aminoalkoxy optionally substituted on the nitrogen atom with alkyl, cycloalkyl, and aralkyl, hydroxyl, cyano, nitro, alkyl, halo, haloalkyl, haloalkoxy, alkanoyl, cycloalkylalkoxy, carboxyl, acyl, amide, alkylamide, aralkoxy, alkenyloxy, alkynyloxy, sulfonamidyl, dialkylsulfonamidyl, heterocyclic, aralkyl, heteroaralkyl, alkoxy carbonyl, heteroaryl, alkylthio, alkylsulfanyl, alkylsulfonyl, alkenylthio, arylthio, aralkylthio, cycloalkylthio, alkylimino and amino optionally substituted with a radical selected from alkyl, aralkyl, aryl, alkenyl, alkynyl, cycloalkyl, acyl, cycloalkenyl, hydroxyalkyl, alkoxy carbonyl and alkoxyalkyl;

wherein  $R^2$  is heteroaryl, wherein  $R^2$  is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, amino, cyano, nitro, hydroxyl, alkyl, cycloalkyl, halo, haloalkyl, haloalkoxy, carboxyl, alkanoyl, acyl, alkylamino, arylamino, alkylarylamino, alkanoylamino, alkylaminoalkyl, amide, alkylamide, alkoxy carbonyl, aryloxy carbonyl, aralkoxy carbonyl, alkylcarbonyl, cycloalkylcarbonyl, alkylcarbonylalkyl, alkoxy carbonylalkyl, dialkylcarbamoyl, carbamoyloxy, aryloxy, aralkoxy, alkenyloxy, alkynyloxy, acyloxy, cycloalkylalkoxy,

aralkyl, aryl, aroyl, alkoxyalkyl, hydroxyalkyl,  
heterocyclic, heteroaralkyl, alkylthio,  
alkylsulfinyl, alkylsulfonyl, arylthio,  
arylsulfinyl, alkylsulfonyl, sulfonamidyl and  
5 alkylsulfonamidyl;

wherein each of  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  is  
independently selected from hydrido, alkyl, aryl  
and aralkyl; and

wherein each of m, n and p is a number  
10 independently selected from 0, 1 and 2;

provided that when  $R^1$  is phenyl,  $R^2$  is  
not pyridyl or 1-( $\beta$ -D-ribofuranosyl)benzimidazole  
when m is 0 or 2;

or a pharmaceutically acceptable salt or  
15 prodrug thereof.

7. Method of Claim 6 wherein  $R^1$  is  
selected from lower alkoxy, lower alkoxycarbonyl,  
lower dialkylamino, phenyl, naphthyl, thiazolyl,  
20 thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl,  
pyrazolyl, imidazolyl, imidazolinyl, pyridyl,  
quinolyl, dihydroquinolyl, tetrahydroquinolyl,  
isoquinolyl, azaquinolyl, azaisoquinolyl,  
tetrahydroisoquinolyl, thiatetrahydroisoquinolyl,  
25 imidazopyridyl, azachromanyl, cycloheptenopyridine,  
benzimidazolyl, benzothiazolyl, benzoxazinyl,  
pyridazinyl, purinyl, thienyl, furyl,  
azaimidazopyridyl, piperidinyl, thienopyridinyl,  
dihydrothienopyridinyl, carbostyryl, pyrimidyl and  
30 pyrazinyl, wherein  $R^1$  is optionally substituted at  
a substitutable position with one or more radicals  
selected from lower alkoxy, lower aminoalkoxy  
optionally substituted on the nitrogen atom with  
lower alkyl, lower cycloalkyl and lower aralkyl,  
35 cyano, nitro, hydroxyl, lower alkyl, halo, lower  
haloalkyl, lower haloalkoxy, lower  
cycloalkylalkoxy, carboxyl, acyl, lower alkanoyl,

amide, lower alkylamide, lower aralkoxy, lower alkenyloxy, lower alkynyloxy, sulfonamidyl, lower dialkylsulfonamidyl, 5 to 20 membered heterocyclic, lower aralkyl, lower heteroaralkyl, lower alkoxy carbonyl, 5 to 8 membered heteroaryl, lower alkylthio, lower alkylsulfinyl, lower alkylsulfonyl, lower alkenylthio, lower arylthio, lower aralkylthio, lower cycloalkylthio, lower alkylimino and amino optionally substituted with a radical selected from lower alkyl, lower aralkyl, phenyl, lower alkenyl, lower alkynyl, lower cycloalkyl, acyl, lower cycloalkenyl, lower hydroxyalkyl, lower alkoxy carbonyl and lower alkoxyalkyl; wherein  $R^2$  is selected from nitrogen-containing heteroaryl, wherein  $R^2$  is optionally substituted at a substitutable position with one or more radicals selected from lower alkoxy, amino, cyano, nitro, hydroxyl, lower alkyl, lower cycloalkyl, halo, lower haloalkyl, lower haloalkoxy, carboxyl, lower alkanoyl, acyl, lower alkylamino, lower arylamino, lower alkylarylamino, lower alkanoylamino, lower alkylaminoalkyl, amide, lower alkylamide, lower alkoxy carbonyl, lower aryloxy carbonyl, lower aralkoxy carbonyl, lower alkyl carbonyl, lower cycloalkyl carbonyl, lower alkyl carbonylalkyl, lower alkoxy carbonylalkyl, lower dialkyl carbamoyl, carbamoyloxy, lower aryloxy, lower aralkoxy, lower alkenyloxy, lower alkynyloxy, acyloxy, lower cycloalkylalkoxy, lower aralkyl, optionally substituted lower aryl, lower aroyl, lower alkoxyalkyl, lower hydroxyalkyl, 5 to 20 membered heterocyclic, lower heteroaralkyl, lower alkylthio, lower alkylsulfinyl, lower alkylsulfonyl, lower arylthio, lower arylsulfinyl, lower arylsulfonyl, sulfonamidyl and lower alkylsulfonamidyl; and wherein each of  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  is independently selected from hydrido,

lower alkyl, phenyl, naphthyl and lower aralkyl; or a pharmaceutically acceptable salt thereof.

8. Method of Claim 7 wherein R<sup>1</sup> is
- 5 selected from phenyl, naphthyl, thiazolyl, thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, imidazolinyl, pyridyl, quinolyl, dihydroquinolyl, tetrahydroquinolyl, isoquinolyl, azaquinolyl, azaisoquinolyl,
- 10 tetrahydroisoquinolyl, thiatetrahydroisoquinolyl, imidazopyridyl, azachromanyl, cycloheptenopyridine, benzimidazolyl, benzothiazolyl, benzoxazinyl, pyridazinyl, purinyl, thienyl, furyl, azaimidazopyridyl, piperidinyl, thienopyridinyl,
- 15 dihydrothienopyridinyl, carbostyryl, pyrimidyl and pyrazinyl, wherein R<sup>1</sup> is optionally substituted at a substitutable position with one or more radicals selected from methoxy, ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy, aminomethoxy optionally
- 20 substituted on the nitrogen atom with methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, cyclohexyl, cyclopropyl and benzyl, hydroxyl, amino optionally substituted with a radical selected from methyl, ethyl, propyl, butyl,
- 25 pentyl, isopropyl, isobutyl, tert-butyl, benzyl, phenethyl, phenyl, butene, pentene, isopropylene, isobutylene, propargyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, formyl, acetyl, cyclobutenyl, cyclopentenyl, cyclohexenyl,
- 30 hydroxymethyl, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, and methoxymethyl, cyano, nitro, methyl, ethyl, propyl,
- 35 butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl,

- trichloromethyl, pentafluoroethyl,  
heptafluoropropyl, difluorochloromethyl,  
dichlorofluoromethyl, difluoroethyl,  
difluoropropyl, dichloroethyl, dichloropropyl,  
5 trifluoromethoxy, cyclohexylmethoxy, carboxyl,  
formyl, acetyl, propionyl, amide, methylamide,  
dimethylamide, benzyloxy, sulfonamidyl,  
dimethylsulfonamidyl, morpholinyl, pyrrolidinyl,  
piperazinyl, piperidyl, benzyl, methoxycarbonyl,  
10 ethoxycarbonyl, pyridyl, methylthio,  
methylsulfinyl, methylsulfonyl, phenylthio,  
benzylthio, cyclohexylthio and methylimino; wherein  
 $R^2$  is selected from pyridyl, indolyl, imidazolyl,  
benzimidazolyl, naphthoimidazolyl, 1,3-  
15 dioxolobenximidazolyl, imidazopyridyl,  
imidazoquinolinyl, dihydroimidazoquinolinyl,  
cycloheptoimidazolyl,  
cyclooxaundecanobenzimidazolyl, benzoxazolyl,  
benzothiazolyl, indolyl, thienoimidazolyl,  
20 pyridopyrazinyl, quinolinyl, quinoxalinyl,  
quinazolinyl, quinazolinonyl, triazolyl,  
tetrazolyl, oxazolyl, purinyl, indenoimidazolyl,  
thiadiazolyl, thiazolylpyridyl, pyridyl,  
pyrimidinyl, pyranobenzimidazolyl,  
25 thiopyranbenzimidazolyl, indolbenzimidazole,  
tetrahydroimidazoquinolinyl, wherein  $R^2$  is  
optionally substituted at a substitutable position  
with one or more radicals selected from methoxy,  
ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy,  
30 amino, cyano, nitro, hydroxyl, methyl, ethyl,  
propyl, butyl, pentyl, isopropyl, isobutyl, tert-  
butyl, cyclohexyl, cyclopropyl, cyclobutyl, fluoro,  
chloro, bromo, iodo, fluoromethyl, difluoromethyl,  
trifluoromethyl, dichloromethyl, trichloromethyl,  
35 pentafluoroethyl, heptafluoropropyl,  
difluorochloromethyl, dichlorofluoromethyl,  
difluoroethyl, difluoropropyl, dichloroethyl,

dichloropropyl, trifluoromethoxy, trifluoroethoxy, carboxyl, formyl, acetyl, propionyl, butyryl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, phenylamino, N-methyl-N-phenylamino, methylaminomethyl, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, phenoxycarbonyl, benzyloxycarbonyl, methylcarbonyl, cyclohexylcarbonyl, methylcarbonylmethyl, methoxycarbonylmethyl, N,N-dimethylcarbamoyle, carbamoyleoxy, phenoxy, benzoxy, benzyl, phenethyl, phenyl, benzoyl, methoxymethyl, hydroxymethyl, morpholinyl, pyrrolidinyl, piperazinyl, piperidyl, methylthio, ethylthio, methylsulfinyl, ethylsulfinyl, methylsulfonyl, phenylthio, phenylsulfinyl, phenylsulfonyl, sulfonamidyl, methylsulfonamidyl and N,N-dimethylsulfonamidyl; and wherein each of R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> is independently selected from hydrido, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, phenyl and benzyl; or a pharmaceutically acceptable salt thereof.

9. Method of Claim 8 selected from compounds, and their pharmaceutically acceptable salts, of the group selected from:

- 30 [2-[(2-N-isobutyl-N-methylamino)-benzyl]sulfinyl]-1H-benzimidazole;
- 2-[[3-methylpyridin-2-ylmethyl]sulfinyl]-1H-benzimidazole;
- 35 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;

- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-methyl-1H-benzimidazole;
- 5 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-methoxy-1H-benzimidazole;
- 5-chloro-2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-trifluoromethyl-1H-benzimidazole;
- 10 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 15 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-methoxy-1H-benzimidazole;
- 5-ethoxy-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-4-methyl-1H-benzimidazole;
- 20 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-methyl-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-dimethyl-1H-benzimidazole;
- 25 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-dimethoxy-1H-benzimidazole;
- 5-chloro-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-trifluoromethyl-1H-benzimidazole;
- 30 2-[[2,3-dimethylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[3-methylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 35 2-[[2-phenylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;



- 2-[[[3-phenylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[[3-(4-nitrophenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 5 2-[[[3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 5-methyl-2-[[[3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 10 5-chloro-2-[[[3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[[3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 15 5-chloro-2-[[[3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 4-[8-[(1H-benzimidazol-2-yl)sulfinyl)methyl]imidazo[1,2-a]pyridin-3-yl]benzoate;
- 2-[[[3-(4-chlorophenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[[3-(4-methylphenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 25 2-[(imidazo[1,2-a]pyridin-5-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-(n-butoxycarbonylmethyl)sulfinylthiazolo(5,4-b)pyridine;
- 30 5-chloro-2-[(2-ethoxyethyl)sulfinyl]benzothiazole;
- 4,6-dimethyl-2-(((imidazo(1,2-a)pyridin-2-yl)methyl)thio)-1H-benzimidazole;
- 2-[3-methyl-4-(2-(N-benzyl-N-cyclohexylamino)-ethoxy)pyridyl]methylthio-1H-benzimidazole;
- 35 ethyl 2-[(1H-benzimidazol-2-yl)thiomethyl]-4-methyl-amino-5-pyrimidine carboxylate;
- 9-(benzimidazol-2-yl)sulfinyl-4-methoxy-2,3-



- sulfinyl)-5-methoxy-1H-benzimidazole;  
 5-hydroxymethyl-2-((3,5-dimethyl-4-methoxy-2-  
 pyridyl)methylthio)-1H-benzimidazole;  
 2-(4-ethylthio-3-methylpyridin-2-yl-  
 5 methyl)sulfinyl-benzimidazole;  
 2-(((4-(2-benzyloxyethoxy)-3-methyl-2-pyridyl)  
 methylthio)benzimidazole;  
 2-[[2-[N-(2-hydroxyethyl)-N-methylamino]-5-methoxy]  
 benzylsulfinyl]benzimidazole;  
 10 2-[2-(3,5-dimethyl-4-ethoxy)pyridylmethylsulfinyl]-  
 5-methoxy-imidazo(4,5-b)pyridine;  
 2-(5-benzyl-4-chloro-6-methyl-2-pyrimidinyl)  
 methylthio)-1H-benzimidazole;  
 2,2-difluoro-6-((5-benzyloxy-4-methoxy-2-pyridyl)  
 15 methylthio)-5H-(1,3)-dioxolo(4,5-  
 f)benzimidazole;  
 5-carboethoxy-6-methyl-2-(((3-methyl-2-  
 pyridyl)methyl)sulfinyl)-1H-benzimidazole;  
 5-(2-benzimidazolylsulfinylmethyl)-3,4-dihydro-  
 20 4-methyl-2H-1,4-benzoxazine;  
 2-(3-methyl-4-(2-(N-benzyl-N-methylamino)ethoxy-2-  
 pyridyl)methylsulfinyl)-1H-benzimidazole;  
 2-(3-methyl-4-(2-(1,2,3,4-tetrahydroisoquinolin-  
 2-yl)-ethoxy)-2-pyridyl)methylsulfinyl)-1H-  
 25 benzimidazole;  
 2-[1-(3,5-dimethylpyrazolyl)]  
 methylthiobenzimidazole;  
 2-(3-chloro-4-methoxy-2-picolylthio)-5-methoxy-1H-  
 benzimidazole;  
 30 2-(4-(2-ethoxyethoxy)-3-methyl-2-pyridyl)  
 methylsulfinyl)-1H-benzimidazole;  
 2-(3-methylthieno(2,3-c)pyridin-7-  
 yl)methylsulfinyl)-benzimidazole;  
 2-(2-dimethylamino-5-methoxybenzylsulfinyl)-5-  
 35 methoxy-benzimidazole;  
 2-(2-dimethylamino-5-methylbenzylsulfinyl)-5-  
 methoxybenzimidazole;

- 2-[4-(2,3,5-trimethyl)pyridylthio]-5-methoxybenzimidazole;
- 2-[(2-(4-chlorophenyl)-5-methylimidazol-4-yl)methylthio]benzimidazole;
- 5 2-(5-hydroxy-1H-benzimidazol-2-ylsulfinylmethyl)-N,N-dimethylbenzenamine;
- 2-((6-methoxyisoquinolin-1-yl)methylsulfinyl)benzimidazole;
- 3-(5-methoxy-1H-benzimidazol-2-yl)thiomethylcarbostyryl;
- 10 5-methoxy-2-(4-dimethylamino-5-fluoro-2-pyridylmethylsulfinyl)-1H-benzimidazole;
- 2-(2-dimethylaminobenzyl-sulfinyl)-5-cyclopropylmethoxybenzimidazole;
- 15 2-(3,5-dimethyl-2-pyridylmethylsulfinyl)-5-cyclopropylmethoxy-benzimidazole;
- 2-[2-(N-cyclohexyl-N-methylamino)benzylsulfonyl]benzimidazole;
- 8-(5-fluoro-6-methoxy-2-benzimidazolyl)sulfinylmethyl-1-ethyl-4-(N-methyl-N-allyl)amino-1,2,3,4-tetrahydroquinoline;
- 20 2-(2-benzylloxycarbonylaminobenzylthio)benzimidazole;
- 2-(2-benzimidazolylmethylthio)pyrimidine;
- 25 2-(2-dimethylaminobenzylsulfinyl)imidazo[4,5-b]-pyridine;
- 2-(2-pyridylmethylsulfinyl)quinoxaline;
- 2-methyl-3-(2-pyridylmethylsulfinyl)pyrido[2,3-b]pyrazine;
- 30 5-acetyl-2-((2-dimethylaminobenzyl)sulfinyl)benzimidazole;
- 2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylsulfinyl)-5-fluoro-1H-benzimidazole;
- 2-(3-pyridylmethylthio)-5-methoxybenzimidazole;
- 35 2-(2-methylaminobenzylsulfinyl)benzimidazole;
- 5-methoxy-2-(2-dimethylaminobenzylsulfinyl)-1H-benzimidazole;

- 2-(3,4-dimethoxypyrid-2-ylmethylsulfinyl)-5-trifluoromethyl-benzimidazole;  
5-methoxy-2-(4-piperidino-2-pyrimidinylmethylsulfinyl)-(1H)-benzimidazole;  
5 2-[2-(4-benzyloxy)-pyridylmethylsulfinyl]benzimidazole;  
4-allyloxy-8-(2-benzimidazolyl)thio-3-methyl-5,6,7,8-tetrahydroquinoline;  
2-[2-(4-methoxy-5-n-pentyl)-pyridylmethylthio]benzimidazole;  
10 2-(5-bromo-4-piperidino-2-pyridylmethylsulfinyl)-5-methoxy-(1H)-benzimidazole;  
2-((3,5-dimethyl-4-morpholinopyrid-2-yl)methylsulfinyl)benzimidazole;  
15 2-((2-pyridinylmethyl)sulfinyl)-1H-benzimidazole-1-methanol;  
2-((3,4-dihydro-2H-thieno(3,2-c)pyridinylmethylthio)-1H-benzimidazole-1-methanol;  
2-(4-isopropoxy-2-pyridyl)methylsulfinylbenzimidazole;  
20 2-((4-fluorobenzyloxy-3-methyl-2-pyridyl)methylsulfinyl)benzimidazole;  
2-(2-aminobenzylsulfinyl)-benzimidazole;  
N,N-dimethyl-2-(1H-benzimidazol-2-yl)sulfinylmethyl)benzenamine;  
25 2-[(4,5-dimethoxy-2-pyridyl)methylsulfinyl]-5-trifluoromethoxy-1H-benzimidazole;  
2,2-difluoro-6-[(4,5-dimethoxy-2-pyridyl)methylthio]-5H-1,3-dioxolo-(4,5-f)benzimidazole;  
30 2-((4-morpholinyl-3-ethylpyridin-2-ylmethyl)sulfinyl)-5-trifluoromethylbenzimidazole;  
2-((4-methoxy-2-pyridyl)methylsulfinyl)-5-trifluoromethoxy-1H-benzimidazole;  
35 5-cyclopropylcarbonyl-2-((4-methoxy-2-pyridyl)methyl-sulfinyl)-1H-benzimidazole;

- 2-[2-(3,5-dimethyl-4-methoxy)-pyridylmethyl  
sulfinyl]-(5-chloro)-benzimidazole;
- 2-[2-(4,5-dimethyl)-pyridylmethylsulfinyl]-(5-  
acetyl-6-methyl)-benzimidazole;
- 5 1-(p-chlorobenzoyl)-2-( $\beta$ -morpholinylmethyl-  
sulfinyl)benzimidazole;
- 2,3-dihydro-2-(2-pyridyl)thiazolo[3,2-  
a]benzimidazole-1-oxide;
- 2-[(2-pyridylmethyl)thio]-1H-naphth[2,3-  
d]imidazole;
- 10 1,5,6,7-tetrahydro-2-(5-methyl-2-pyridyl-methyl)-  
thio)indeno(5,6-d)imidazole;
- 4-methyl-2-(5-methyl-2-pyridyl-methylthio)-1H-  
naphtho(2,3-d)imidazole ;
- 15 2,2-difluoro-6-(4-methoxy-2-pyridylmethylsulfinyl)-  
5H-1,3-dioxolo[4,5-f]benzimidazole;
- 2-benzylthio-(4H)-imidazo(4,5,1-ij)quinoline;
- 2-(2-chlorophenylmethylthio)-5,6-dihydro-(4H)-  
imidazo(4,5,1-ij)quinoline;
- 20 5,6-dihydro-2-(2-pyridylmethylthio)-4H-  
imidazo(4,5,1-ij)quinoline;
- 5,6-dihydro-2-(2-(3,5-dimethylpyridyl)  
methylsulfinyl)-4H-imidazo;
- 5,7-dihydro-2-((4-methoxy-3-methyl-2-pyridyl)  
methyl)sulfinyl)-5,5,7,7-tetramethylindeno
- 25 (5,6-d)imidazol-6(1H)-one;
- 2-(2-pyridylmethylthio)-6-isopropyl-  
cycloheptoimidazole;
- 2-[2-(3,5-dimethyl)pyridylmethylsulfinyl]5-fluoro-  
benzoxazole;
- 30 3-[(4-dimethylamino-2-pyridyl)methylthio]indole;
- 5-methyl-2-(2-pyridylmethylthio-3H-thieno(2,3-d)  
imidazole;
- 2-(2-(3,5-dimethyl-4-methoxy)pyridylmethylsulfinyl)  
-7-imidazo(4,5-b)pyridine;
- 35 2-(2-pyridylmethylsulfinyl)quinoxaline;

- 2-[(2-pyridyl)methylsulfinyl]thieno[3,4-d]-  
imidazole;
- 2-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)thio)-  
4,5-diphenyloxazole;
- 5 3,5-dimethyl-4-methoxy-6-(((5-phenyl-1,2,4-triazol-  
3-yl)-thio)methyl)pyridine;
- 2-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)  
sulfinyl)-4,5-diphenylimidazole;
- 5-(((4,5-diphenyl-2-oxazolyl)sulfinyl)methyl)-2,2-  
10 dimethyl-8-methyl-4H-1,3-dioxino(4,5-c)  
pyridine;
- 5-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)  
sulfinyl)-1-methyltetrazole;
- 6-benzoylamino-7-chloro-2-(((3,5-dimethyl-4-  
15 methoxy-2-pyridyl)-methyl)thio)benzothiazole;
- 2-[[ (3,5-dimethyl-4-methoxy-2-pyridyl)-methyl]thio]  
quinoline;
- 2-[2-(3,5-dimethyl)pyridylmethylsulfinyl]-5-  
methoxy-imidazo[4,5-b]pyridine;
- 20 5-(4,5-dihydro-2-oxazolyl)-2-((3,5-dimethyl-4-  
methoxy-2-pyridyl)methylthio)-1H-  
benzimidazole;
- 2-(2-dimethylaminobenzylsulfinyl)-5-methoxyimidazo  
[4,5-b]-pyridine;
- 25 3-phenyl-2-(2-pyridylmethylsulfinyl)-4(3H)-  
quinazolinone;
- 4-amino-2-(2-pyridylmethylthio)quinazoline;
- 2-(4-morpholinyl-2-pyrimidinylmethylthio)  
thieno(3,4-d)imidazole;
- 30 8-[2'-(N,N-dimethylanily)methylthio]purine;
- 2-[2'-(N,N-dimethylanily)methylthio]thieno-(3,4-d)-  
imidazole;
- 2-(4-methoxy-2-picolinylthio)-1H-thieno[3,4-  
d]imidazole;
- 35 2-(2-pyridylmethyl)thio-8H-indeno(1,2-d)imidazole;
- 2-(4-methoxy-5-chloro-2-picolylthio)-1H-thieno(3,4-  
d)imidazole;

- 2-[2-(1-pyrrolidinyl)benzylthio]  
cycloheptoimidazole;  
2-(2-acetylaminophenyl)methylthio  
cycloheptoimidazole;  
5 2-amino-5-(2-(2-pyridyl)ethylthio)-1,3,4-  
thiadiazole;  
2-gernaylthio-benzimidazole;  
2-(2-chlorobenzylthio)-8,8-dimethyl-6-oxo-5,6,7,8-  
tetrahydro-3H-imidazo[4,5-g]quinoline;  
10 8-(2-pyrimidinyl-sulfinyl)quinoline;  
2-((3-methyl-2-pyridyl)methylsulfinyl)pyrano(2,3-f)  
benzimidazole;  
2-[(2-isobutylamino)benzylsulfinyl]imidazole;  
ethyl 2-((1H-benzimidazol-2-yl)-sulfinylmethyl)-4-  
15 dimethylamino-5-pyrimidinecarboxylate;  
2-((2-ethoxyethyl)sulfinyl)-4-(3-pyridyl)thiazole;  
2-[2-(2-propynylamino)benzylsulfinyl]imidazole;  
2-(2-(2-methoxyethylamino)benzylsulfinyl)imidazole;  
1-(2-pyridyl)-2-(3-dimethylamino)benzylsulfinyl)  
20 imidazole;  
2-(2-methylaminobenzylthio)-4,5,6,7-tetrahydro-1H-  
benzimidazole;  
4,5-diphenyl-2-(2-pyridylmethyl)-thioimidazole;  
4-phenyl-2-(2-pyridylmethyl)thioimidazole;  
25 4,5-bis(4-methoxyphenyl)-2-(2-  
thienylthio)imidazole;  
2-(3-chloro-2-pyridinylthiomethyl)-4,5-dihydro-1H-  
imidazole;  
1-methyl-2-(2-pyrimidinylthiomethyl)-5-nitro-  
30 imidazole;  
1-methyl-2-(2-pyridylsulfonylmethyl)-5-  
nitroimidazole;  
1-methyl-2-(5-bromo-2-pyridylthiomethyl)-5-nitro-  
imidazole;  
35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]  
benzenamine;



- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]N,N-dimethylbenzenamine;  
 N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]acetamide;  
 5 2-[[ (4-methyl-1H-benzimidazol-2-yl) sulfinyl]methyl]benzenamine;  
 2-[[ (5,6-dimethyl-1H-benzimidazol-2-yl) sulfinyl]methyl]benzenamine;  
 2-[[ (5-methoxy-1H-benzimidazol-2-yl) sulfinyl]methyl]benzenamine;  
 10 methyl 2-[[ (2-aminophenyl)methyl] sulfinyl]-5-methoxy-1H-benzimidazole-6-carboxylate;  
 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chlorobenzenamine;  
 15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-chlorobenzenamine;  
 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxybenzenamine;  
 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methoxybenzenamine;  
 20 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-methylbenzenamine;  
 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methylbenzenamine;  
 25 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methylbenzenamine;  
 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-dimethylbenzenamine;  
 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-methylbenzenamine;  
 30 2-[[ (5-methoxy-1H-benzimidazol-2-yl) sulfinyl]methyl]-4-methylbenzenamine;  
 2-[[ (5-methoxy-1H-benzimidazol-2-yl) sulfinyl]methyl]-6-methylbenzenamine;  
 35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-ethylbenzenamine;

- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-ethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxy-3,5-dimethylbenzenamine;  
5 2-[[ (5-methyl-1H-benzimidazol-2-yl)sulfinyl]-methyl]benzenamine;  
2-[[ (5-chloro-1H-benzimidazol-2-yl)sulfinyl]-methyl]benzenamine;  
2-[[ (5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-methyl]benzenamine;  
10 2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl]methyl]benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-(trifluoromethyl)benzenamine;  
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-butylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5,6-dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,6-dimethylbenzenamine;  
20 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-methoxy-3-methylbenzenamine;  
25 2-[[ (5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-methyl]-4-methylbenzenamine;  
2-[[ (5-methyl-1H-benzimidazol-2-yl)sulfinyl]-methyl]-5,6-dimethylbenzenamine;  
2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl]-3,6-dimethylbenzenamine;  
30 2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl]methyl]-6-methoxybenzenamine;  
methyl 2-amino-3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzoate;  
35 ethyl 4-amino-3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzoate;

- ethyl 4-amino-3-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]benzoate;  
2-[[ (5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methylbenzenamine;  
5 2-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-4-fluorobenzenamine;  
2-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methoxy-3,5-dimethylbenzenamine;  
10 3-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;  
3-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
15 3-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;  
6-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
6-[[ (4-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
20 6-[[ (5-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]-methyl]-2-pyridinamine;  
25 6-[[ (5-chloro-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5-ethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
30 6-[[ (5,6-dimethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
35 6-[[ (4,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;

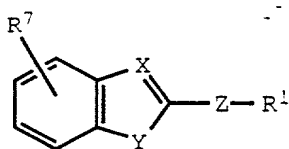
6-[[[5-(hydroxymethyl)-1H-benzimidazol-2-yl]sulfinyl]methyl]-2-pyridinamine;

6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;

5 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and

5-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine.

10 10. A method of treating viral infection in a subject, said method comprising treating said subject with an effective amount of a compound of Formula II



II

15

wherein X is selected from CH or N;

wherein Y is selected from CH<sub>2</sub>, NR<sup>8</sup>, O

and S;

20

wherein Z is selected from -S(O)<sub>m</sub>-,

-(CR<sup>3</sup>R<sup>4</sup>)<sub>p</sub>S(O)<sub>m</sub>- and -S(O)<sub>m</sub>(CR<sup>5</sup>R<sup>6</sup>)<sub>n</sub>-;

wherein each of m, n and p is a number independently selected from 0, 1 and 2;

wherein R<sup>1</sup> is selected from aryl and  
 25 heteroaryl, wherein R<sup>1</sup> is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, aminoalkoxy optionally substituted on the nitrogen atom with alkyl, cycloalkyl and aralkyl, cyano, nitro, hydroxyl,  
 30 alkyl, halo, haloalkyl, haloalkoxy, cycloalkylalkoxy, carboxyl, acyl, alkanoyl, amide, alkylamide, aralkoxy, alkenyloxy, alkynyloxy, sulfonamido, dialkylsulfonamido, heterocyclic, aralkyl, heteroaralkyl, alkoxycarbonyl, heteroaryl,  
 35 alkylthio, alkylsulfinyl, alkylsulfonyl,

alkenylthio, arylthio, aralkylthio, cycloalkylthio, alkylimino and amino optionally substituted with a radical selected from alkyl, aralkyl, aryl,

alkenyl, alkynyl, cycloalkyl, acyl, cycloalkenyl,  
 5 hydroxyalkyl, alkoxycarbonyl and alkoxyalkyl;  
 wherein each of  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  is independently selected from hydrido, alkyl, aryl and aralkyl;

wherein  $R^7$  is one or more radicals  
 10 selected from alkoxy, amino, cyano, nitro, hydroxyl, alkyl, cycloalkyl, halo, haloalkyl, haloalkoxy, carboxyl, alkanoyl, acyl, alkylamino, arylamino, alkylarylamino, alkanoylamino, alkylaminoalkyl, amide, alkylamide, alkoxycarbonyl,  
 15 aryloxy, aralkoxy, alkylcarbonyl, cycloalkylcarbonyl, alkylcarbonylalkyl, alkoxyalkyl, dialkylcarbonyl, carbamoyloxy, aryloxy, aralkoxy, alkenyloxy, alkynyloxy, acyloxy, cycloalkylalkoxy, aralkyl,  
 20 aryl, aroyl, alkoxyalkyl, hydroxyalkyl, heterocyclic, heteroaralkyl, alkylthio, alkylsulfinyl, alkylsulfonyl, arylthio, arylsulfinyl, alkylsulfonyl, sulfonamido and alkylsulfonamido; or wherein  $R^5$  and  $R^8$  taken  
 25 together form a ring; and

wherein  $R^8$  is selected from hydrido, alkyl, alkenyl, hydroxyalkyl, acyl, alkoxyalkyl, aryl, aryloxyalkyl, alkylthioalkyl, aralkyl, alkoxycarbonyl, amide, alkanoyl, alkylcarbonyl and  
 30 alkylsulfonyl; provided that when  $m$  is 0,  $R^8$  is not 1-( $\beta$ -D-ribofuranosyl)benzimidazole;

or a pharmaceutically acceptable salt thereof.

35 11. Method of Claim 10 wherein  $R^1$  is selected from phenyl, naphthyl, thiazolyl, thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl,

pyrazolyl, imidazolyl, imidazolinyl, pyridyl,  
quinolyl, dihydroquinolyl, tetrahydroquinolyl,  
isoquinolyl, azaquinolyl, azaisoquinolyl,  
tetrahydroisoquinolyl, thiatetrahydroisoquinolyl,  
5 imidazopyridyl, azachromanyl, cycloheptenopyridine,  
benzimidazolyl, benzothiazolyl, benzoxazinyl,  
pyridazinyl, purinyl, thienyl, furyl,  
azaimidazopyridyl, piperidyl, thienopyridinyl,  
dihydrothienopyridinyl, carbostyryl, pyrimidyl and  
10 pyrazinyl, wherein  $R^1$  is optionally substituted at  
a substitutable position with one or more radicals  
selected from lower alkoxy, lower aminoalkoxy  
optionally substituted on the nitrogen atom with  
lower alkyl, lower cycloalkyl and lower aralkyl,  
15 cyano, nitro, hydroxyl, lower alkyl, halo, lower  
haloalkyl, lower haloalkoxy, lower  
cycloalkylalkoxy, carboxyl, acyl, lower alkanoyl,  
amide, lower alkylamide, lower aralkoxy, lower  
alkenyloxy, lower alkynyloxy, sulfonamido, lower  
20 dialkylsulfonamido, 5 to 20 membered heterocyclic,  
lower aralkyl, lower heteroaralkyl, lower  
alkoxycarbonyl, 5 to 8 membered heteroaryl, lower  
alkylthio, lower alkylsulfinyl, lower  
alkylsulfonyl, lower alkenylthio, lower arylthio,  
25 lower aralkylthio, lower cycloalkylthio, lower  
alkylimino and amino optionally substituted with a  
radical selected from lower alkyl, lower aralkyl,  
phenyl, lower alkenyl, lower alkynyl, lower  
cycloalkyl, acyl, lower cycloalkenyl, lower  
30 hydroxyalkyl, lower alkoxycarbonyl and lower  
alkoxyalkyl, wherein each of  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  is  
independently selected from hydrido, lower alkyl,  
phenyl, naphthyl and lower aralkyl; wherein  $R^7$  is  
one or more radicals selected from lower alkoxy,  
35 amino, cyano, nitro, hydroxyl, lower alkyl, lower  
cycloalkyl, halo, lower haloalkyl, lower  
haloalkoxy, carboxyl, lower alkanoyl, acyl, lower

alkylamino, lower arylamino, lower alkylarylamino,  
 lower alkanoylamino, lower alkylaminoalkyl, amide,  
 lower alkylamide, lower alkoxycarbonyl, lower  
 aryloxy, lower aralkoxy, lower alkenyloxy, lower  
 alkynyloxy, acyloxy, lower cycloalkylalkoxy, lower  
 5 alkylcarbonyl, lower cycloalkylcarbonyl, lower  
 alkylcarbonylalkyl, lower alkoxycarbonylalkyl,  
 lower dialkylcarbonyl, carbamoyloxy, lower  
 aryloxy, lower aralkoxy, lower alkenyloxy, lower  
 alkynyloxy, acyloxy, lower cycloalkylalkoxy, lower  
 10 aralkyl, optionally substituted lower aryl, lower  
 aroyl, lower alkoxyalkyl, lower hydroxyalkyl, 5 to  
 20 membered heterocyclic, lower heteroaralkyl,  
 lower alkylthio, lower alkylsulfinyl, lower  
 alkylsulfonyl, lower arylthio, lower arylsulfinyl,  
 15 lower arylsulfonyl, sulfonamido and lower  
 alkylsulfonamido; or wherein  $R^5$  and  $R^8$  taken  
 together form a ring; and wherein  $R^8$  is selected  
 from hydrido, lower alkyl, lower alkenyl, lower  
 hydroxyalkyl, acyl, lower alkoxyalkyl, phenyl,  
 20 naphthyl, lower aryloxyalkyl, lower alkylthioalkyl,  
 lower aralkyl, lower alkoxycarbonyl, amide, lower  
 alkanoyl, lower alkylcarbonyl and lower  
 alkylsulfonyl; or a pharmaceutically acceptable  
 salt thereof.

25

12. Method of Claim 11 wherein  $R^1$  is  
 optionally substituted at a substitutable position  
 with one or more radicals selected from methoxy,  
 ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy,  
 30 aminomethoxy optionally substituted on the nitrogen  
 atom with methyl, ethyl, propyl, butyl, pentyl,  
 isopropyl, isobutyl, tert-butyl, cyclohexyl,  
 cyclopropyl and benzyl, amino optionally  
 substituted with a radical selected from methyl,  
 35 ethyl, propyl, butyl, pentyl, isopropyl, isobutyl,  
 tert-butyl, benzyl, phenethyl, phenyl, butene,  
 pentene, isopropylene, isobutylene, propargyl,

- cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, formyl, acetyl, cyclobutenyl, cyclopentenyl, cyclohexenyl, hydroxymethyl, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-
- 5 butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, and methoxymethyl, cyano, nitro, hydroxyl, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo,
- 10 fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl, difluorochloromethyl, dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl,
- 15 trifluoromethoxy, cyclohexylmethoxy, carboxyl, formyl, acetyl, propionyl, amide, methylamide, dimethylamide, benzyloxy, sulfonamido, dimethylsulfonamido, morpholinyl, pyrrolidinyl, piperazinyl, piperidyl, benzyl, methoxycarbonyl,
- 20 ethoxycarbonyl, pyridyl, methylthio, methylsulfinyl, methylsulfonyl, phenylthio, benzylthio, cyclohexylthio and methylimino; wherein each of  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  is independently selected from hydrido, methyl, ethyl, propyl,
- 25 butyl, pentyl, isopropyl, isobutyl, tert-butyl, phenyl and benzyl; wherein  $R^7$  is one or more radicals selected from methoxy, ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy, amino, cyano, nitro, hydroxyl, methyl, ethyl, propyl, butyl,
- 30 pentyl, isopropyl, isobutyl, tert-butyl, cyclohexyl, cyclopropyl, cyclobutyl, fluoro, chloro, bromo, iodo, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl,
- 35 difluorochloromethyl, dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl, trifluoromethoxy, trifluoroethoxy,



carboxyl, formyl, acetyl, propionyl, butyryl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, phenylamino, N-methy-N-phenylamino, methylaminomethyl, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, phenoxy carbonyl, benzyloxycarbonyl, methylcarbonyl, cyclohexylcarbonyl, methylcarbonylmethyl, methoxycarbonylmethyl, N,N-dimethylcarbamoyl, carbamoxyloxy, phenoxy, benzoxy, benzyl, phenethyl, phenyl, benzoyl, methoxymethyl, hydroxymethyl, morpholinyl, pyrrolidinyl, piperazinyl, piperidyl, methylthio, ethylthio, methylsulfinyl, ethylsulfinyl, methylsulfonyl, phenylthio, phenylsulfinyl, phenylsulfonyl, sulfonamido, methylsulfonamido and N,N-dimethylsulfonamido; or wherein R<sup>5</sup> and R<sup>8</sup> taken together form a ring; and wherein R<sup>8</sup> is selected from hydrido, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, butene, pentene, isopropylene, isobutylene, hydroxymethyl, phenyl, naphthyl, phenoxy methyl, methylthiomethyl, benzyl, phenethyl, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, methoxymethyl, amide, formyl, acetyl, propionyl, butyryl, methylcarbamoyl and methylsulfonyl; or a pharmaceutically acceptable salt thereof.

13. Method of Claim 12 selected from compounds, and their pharmaceutically acceptable salts, of the group selected from:

- 2-[[3-methylpyridin-2-ylmethyl]sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;
- 5 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-methyl-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-methoxy-1H-benzimidazole;
- 10 5-chloro-2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-trifluoromethyl-1H-benzimidazole;
- 15 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-methoxy-1H-benzimidazole;
- 20 5-ethoxy-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-4-methyl-1H-benzimidazole;
- 25 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-methyl-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-dimethyl-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-dimethoxy-1H-benzimidazole;
- 30 5-chloro-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-trifluoromethyl-1H-benzimidazole;
- 35 2-[[[(2,3-dimethylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

- 2-[[ (3-methylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[ (2-phenylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 5 2-[[ (3-phenylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[ (3-(4-nitrophenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[ (3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 10 5-methyl-2-[[ (3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 15 5-chloro-2-[[ (3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[ (3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 20 5-chloro-2-[[ (3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 4-[8-[(1H-benzimidazol-2-yl)sulfinyl)methyl]imidazo[1,2-a]pyridin-3-yl]benzoate;
- 25 2-[[ (3-(4-chlorophenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[ (3-(4-methylphenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 30 2-[(imidazo[1,2-a]pyridin-5-yl)methyl]sulfinyl]-1H-benzimidazole;
- 4,6-dimethyl-2-(((imidazo[1,2-a]pyridin-2-yl)methyl)thio)-1H-benzimidazole;
- 2-[3-methyl-4-(2-(N-benzyl-N-cyclohexylamino)-ethoxy)pyridyl]methylthio-1H-benzimidazole;
- 35 ethyl 2-[(1H-benzimidazol-2-yl)thiomethyl]-4-methyl-amino-5-pyrimidine carboxylate;

- 2-(5-fluoro-2-(4-methoxy-2-pyridyl)-phenylsulfinyl)-1H-benzimidazole;  
 5-difluoromethoxy-2-(((3,4-dimethoxy-2-pyridinyl)methyl)sulfinyl)-1H-benzimidazole;  
 5 2-(((4-difluoromethoxy-3-methyl-2-pyridyl)methylsulfinyl)benzimidazole;  
 2-((6-azachroman-5-ylmethyl)sulfinyl)-benzimidazole;  
 5-carbomethoxy-6-methyl-2-(((3,4-dimethoxy-2-pyridinyl)methyl)sulfinyl)-1H-benzimidazole;  
 10 5-carbomethoxy-6-methyl-2-(((3,4-dimethoxy-2-pyridinyl)methyl)sulfinyl)-1H-benzimidazol-1-yl-methyl ethyl carbonate;  
 2-((3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl)methylsulfinyl)benzimidazole;  
 15 4-fluoro-2-(((4-methoxy-2-pyridinyl)methyl)sulfinyl)-1H-benzimidazol-1-yl-methyl-ethylcarbonate;  
 2-[3-methyl-4-(1-benzyl-4-piperidyl)oxy-2-pyridyl]methylthio-1H-benzimidazole;  
 20 2-(3-methyl-4-(2-(N-methyl-N-(4-methyl-benzyl)amino)ethoxy)-2-pyridyl)methylsulfonyl-1H-benzimidazole;  
 2-(4-methoxy-6-methyl-2-pyrimidinyl)methylthio-1H-benzimidazole;  
 25 5-chloro-2-(3,4-dimethoxy-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
 5-fluoro-2-(4-cyclopropylmethoxy-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
 30 4-fluoro-2-(4-methoxy-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
 2-(((4-methoxy-3,5-dimethyl-2-pyridyl)-methyl)sulfinyl)-5-methoxy-1H-benzimidazole;  
 5-hydroxymethyl-2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylthio)-1H-benzimidazole;  
 35 2-(4-ethylthio-3-methylpyrid-2-yl-methyl)sulfinyl-benzimidazole;

- 2-(((4-(2-benzyloxyethoxy)-3-methyl-2-pyridyl)  
methylthio)benzimidazole;  
2-[[2-[N-(2-hydroxyethyl)-N-methylamino]-5-methoxy]  
benzylsulfinyl]benzimidazole;  
5 2-(5-benzyl-4-chloro-6-methyl-2-pyrimidinyl)  
methylthio-1H-benzimidazole;  
5-carboethoxy-6-methyl-2-(((3-methyl-2-  
pyridyl)methyl)sulfinyl)-1H-benzimidazole;  
5-(2-benzimidazolylsulfinylmethyl)-3,4-dihydro-  
10 4-methyl-2H-1,4-benzoxazine;  
2-(3-methyl-4-(2-(N-benzyl-N-methylamino)ethoxy-2-  
pyridyl)methylsulfinyl)-1H-benzimidazole;  
2-(3-methyl-4-(2-(1,2,3,4-tetrahydroisoquinolin-  
2-yl)-ethoxy)-2-pyridyl)methylsulfinyl-1H-  
15 benzimidazole;  
2-[1-(3,5-dimethylpyrazolyl)]  
methylthiobenzimidazole;  
2-(3-chloro-4-methoxy-2-picolythio)-5-methoxy-1H-  
benzimidazole;  
20 2-(4-(2-ethoxyethoxy)-3-methyl-2-pyridyl)  
methylsulfinyl-1H-benzimidazole;  
2-(3-methylthieno(2,3-c)pyridin-7-yl)  
methylsulfinyl)-benzimidazole;  
2-(2-dimethylamino-5-methoxybenzylsulfinyl)-5-  
25 methoxy-benzimidazole;  
2-(2-dimethylamino-5-methylbenzylsulfinyl)-5-  
methoxybenzimidazole;  
2-[4-(2,3,5-trimethyl)pyridylthio]-5-  
methoxybenzimidazole;  
30 2-[(2-(4-chlorophenyl)-5-methylimidazol-4-  
yl)methylthio]benzimidazole;  
2-(5-hydroxy-1H-benzimidazol-2-ylsulfinylmethyl)-  
N,N-dimethylbenzenamine;  
2-((6-methoxyisoquinolin-1-yl)methylsulfinyl)  
35 benzimidazole;  
3-(5-methoxy-1H-benzimidazol-2-  
yl)thiomethylcarbostyryl;

- 5-methoxy-2-(4-dimethylamino-5-fluoro-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
 2-(2-dimethylaminobenzylsulfinyl)-5-cyclopropylmethoxybenzimidazole;  
 5 2-(3,5-dimethyl-2-pyridylmethylsulfinyl)-5-cyclopropylmethoxy-benzimidazole;  
 2-[2-(N-cyclohexyl-N-methylamino)benzylsulfonyl]benzimidazole;  
 8-(5-fluoro-6-methoxy-2-benzimidazolyl)sulfinylmethyl-1-ethyl-4-(N-methyl-N-allyl)amino-1,2,3,4-tetrahydroquinoline;  
 10 2-(2-benzylloxycarbonylaminobenzylthio)benzimidazole;  
 2-(2-benzimidazolylmethylthio)pyrimidine;  
 15 5-acetyl-2-((2-dimethylaminobenzyl)sulfinyl)benzimidazole;  
 2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylsulfinyl)-5-fluoro-1H-benzimidazole;  
 2-(3-pyridylmethylthio)-5-methoxybenzimidazole;  
 20 2-(2-methylaminobenzylsulfinyl)benzimidazole;  
 5-methoxy-2-(2-dimethylaminobenzylsulfinyl)-1H-benzimidazole;  
 2-(3,4-dimethoxypyrid-2-ylmethylsulfinyl)-5-trifluoromethyl-benzimidazole;  
 25 5-methoxy-2-(4-piperidino-2-pyrimidinylmethylsulfinyl)-(1H)-benzimidazole;  
 2-[2-(4-benzylloxy)-pyridylmethylsulfinyl]benzimidazole;  
 4-allyloxy-8-(2-benzimidazolyl)thio-3-methyl-5,6,7,8-tetrahydroquinoline;  
 30 2-[2-(4-methoxy-5-n-pentyl)-pyridylmethylthio]benzimidazole;  
 2-(5-bromo-4-piperidino-2-pyridylmethylsulfinyl)-5-methoxy-(1H)-benzimidazole;  
 35 2-((3,5-dimethyl-4-morpholinopyrid-2-yl)methylsulfinyl)benzimidazole;  
 2-((2-pyridinylmethyl)sulfinyl)-1H-benzimidazole-1-

methanol;  
2-((3,4-dihydro-2H-thieno(3,2-c)pyridinylmethyl)  
thio)-1H-benzimidazole-1-methanol;  
2-(4-isopropoxy-2-pyridyl)  
5 methylsulfinylbenzimidazole;  
2-((4-fluorobenzyloxy-3-methyl-2-pyridyl)  
methylsulfinyl)benzimidazole;  
2-(2-aminobenzylsulfinyl)-benzimidazole;  
N,N-dimethyl-2-(1H-benzimidazol-2-yl-  
10 sulfinylmethyl)benzenamine;  
2-[(4,5-dimethoxy-2-pyridyl)methylsulfinyl]-5-  
trifluoromethoxy-1H-benzimidazole;  
2-((4-morpholinyl-3-ethylpyridin-2-ylmethyl)  
sulfinyl)-5-trifluoromethylbenzimidazole;  
15 2-((4-methoxy-2-pyridyl)methylsulfinyl)-5-  
trifluoromethoxy-1H-benzimidazole;  
5-cyclopropylcarbonyl-2-((4-methoxy-2-pyridyl)  
methyl-sulfinyl)-1H-benzimidazole;  
2-[2-(3,5-dimethyl-4-methoxy)-pyridyl  
20 methylsulfinyl]-(5-chloro)-benzimidazole;  
2-[2-(4,5-dimethyl)-pyridylmethylsulfinyl]-(5-  
acetyl-6-methyl)-benzimidazole;  
2-[2-(3,5-dimethyl)pyridylmethylsulfinyl]5-fluoro-  
benzoxazole;  
25 3-[(4-dimethylamino-2-pyridyl)methylthio]indole;  
6-benzoylamino-7-chloro-2-(((3,5-dimethyl-4-  
methoxy-2-pyridyl)-methyl)thio)benzothiazole;  
5-(4,5-dihydro-2-oxazolyl)-2-((3,5-dimethyl-4-  
methoxy-2-pyridyl)methylthio)-1H-  
30 benzimidazole;  
2-gernaylthio-benzimidazole;  
ethyl 2-((1H-benzimidazol-2-yl)-sulfinylmethyl)-4-  
dimethylamino-5-pyrimidinecarboxylate;  
2-[(1H-benzimidazol-2-ylsulfinyl)  
35 methyl]benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]N,N-  
dimethylbenzenamine;

- N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]  
acetamide;
- 2-[[ (4-methyl-1H-benzimidazol-2-yl)sulfinyl]methyl]  
benzenamine;
- 5 2-[[ (5,6-dimethyl-1H-benzimidazol-2-  
yl)sulfinyl]methyl]benzenamine;
- 2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]  
methyl]benzenamine;
- 10 methyl 2-[[ (2-aminophenyl)methyl]sulfinyl]-5-  
methoxy-1H-benzimidazole-6-carboxylate;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
chlorobenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-  
chlorobenzenamine;
- 15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
methoxybenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-  
methoxybenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-  
20 methylbenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
methylbenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-  
methylbenzenamine;
- 25 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-  
dimethylbenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-  
methylbenzenamine;
- 2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]  
30 methyl]-4-methylbenzenamine;
- 2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]  
methyl]-6-methylbenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
ethylbenzenamine;
- 35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-  
ethylbenzenamine;

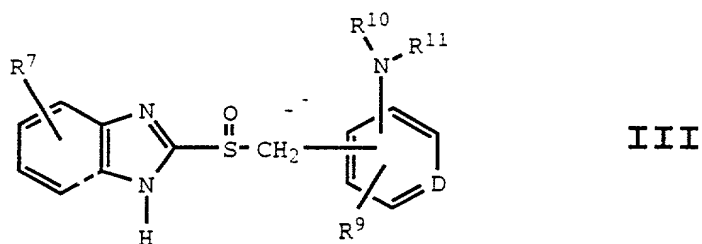


- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxy-  
3,5-dimethylbenzenamine;  
2-[[ (5-methyl-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]benzenamine;  
5 2-[[ (5-chloro-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]benzenamine;  
2-[[ (5-ethoxy-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]benzenamine;  
2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-  
10 yl) sulfinyl]methyl]benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
(trifluoromethyl)benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
butylbenzenamine;  
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5,6-  
dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,6-  
dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-  
20 6-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-  
methoxy-3-methylbenzenamine;  
2-[[ (5-ethoxy-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]-4-methylbenzenamine;  
25 2-[[ (5-methyl-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]-5,6-dimethylbenzenamine;  
2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-  
yl) sulfinyl]-3,6-dimethylbenzenamine;  
2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-  
30 yl) sulfinyl]methyl]-6-methoxybenzenamine;  
methyl 2-amino-3-[(1H-benzimidazol-2-ylsulfinyl)  
methyl]benzoate;  
ethyl 4-amino-3-[(1H-benzimidazol-2-  
ylsulfinyl)methyl]benzoate;  
35 ethyl 4-amino-3-[[ (5-methoxy-1H-benzimidazol-2-  
yl) sulfinyl]methyl]benzoate;

- 2-[[5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-4-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-fluorobenzenamine;  
5 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;  
2-[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-4-methoxy-3,5-dimethylbenzenamine;  
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;  
10 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;  
15 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
6-[[4-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[5-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
20 6-[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[5-chloro-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
25 6-[[5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[5-ethoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
30 6-[[5,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[4,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
35 6-[[5-(hydroxymethyl)-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;

- 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;  
 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and  
 5 5-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine.

14. A method of inhibiting a viral protease, said method comprising treating said  
 10 subject with an effective amount of a compound of Formula III



- 15 wherein D is N or CH;  
 wherein R<sup>7</sup> is one or more radicals selected from hydrido, alkoxy, amino, cyano, nitro, hydroxyl, alkyl, halo, haloalkyl, carboxyl, alkanoyl, nitro, amino, alkylamino, amide,  
 20 alkylamide, alkoxycarbonyl, alkylthio, alkylsulfinyl and alkylsulfonyl;  
 wherein R<sup>9</sup> is one or more radicals selected from hydrido, alkoxy, amino, alkyl, halo, cyano, nitro, hydroxyl, haloalkyl, carboxyl,  
 25 alkanoyl, nitro, amide, alkylamide, alkoxycarbonyl, alkylthio, alkylsulfinyl and alkylsulfonyl; and  
 wherein R<sup>10</sup> and R<sup>11</sup> are independently selected from hydrido and alkyl;  
 or a pharmaceutically acceptable salt  
 30 thereof.

15. Method of Claim 14 wherein R<sup>7</sup> is one or more radicals selected from hydrido, lower

- alkoxy, amino, cyano, nitro, hydroxyl, lower alkyl, halo, lower haloalkyl, carboxyl, lower alkanoyl, lower alkylamino, amide, lower alkylamide, lower alkoxy carbonyl, lower alkylthio, lower
- 5 alkylsulfinyl and lower alkylsulfonyl; wherein R<sup>9</sup> is one or more radicals selected from hydrido, lower alkoxy, amino, lower alkyl, halo, cyano, nitro, hydroxyl, lower haloalkyl, carboxyl, lower alkanoyl, lower alkylamino, amide, lower
- 10 alkylamide, lower alkoxy carbonyl, lower alkylthio, lower alkylsulfinyl and lower alkylsulfonyl; and wherein R<sup>10</sup> and R<sup>11</sup> are independently selected from hydrido and lower alkyl; or a pharmaceutically acceptable salt thereof.
- 15
16. Method of Claim 15 wherein R<sup>7</sup> is one or more radicals selected from hydrido, methoxy, ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy, amino, cyano, nitro, hydroxyl, methyl, ethyl,
- 20 propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl, difluorochloromethyl,
- 25 dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl, carboxyl, formyl, acetyl, propionyl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-
- 30 dimethylamino, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, methylthio, methylsulfinyl and
- 35 methylsulfonyl;
- wherein R<sup>9</sup> is one or more radicals selected from hydrido, methoxy, ethoxy, propoxy,

butoxy, isopropoxy, tert-butoxy, amino, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo, cyano, nitro, hydroxyl, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl, difluorochloromethyl, dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl, carboxyl, formyl, acetyl, propionyl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, methylthio, methylsulfinyl and methylsulfonyl; and

wherein R<sup>10</sup> and R<sup>11</sup> are independently selected from hydrido, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl and tert-butyl; or a pharmaceutically acceptable salt thereof.

17. Method of Claim 16 selected from compounds, and their pharmaceutically acceptable salts, of the group selected from:

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]N,N-dimethylbenzenamine;

N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]acetamide;

2-[[4-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;

- 2-[[ (5,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;  
5 methyl 2-[[ (2-aminophenyl)methyl)sulfinyl]-5-methoxy-1H-benzimidazole-6-carboxylate;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chlorobenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-chlorobenzenamine;  
10 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxybenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methoxybenzenamine;  
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methylbenzenamine;  
20 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-methylbenzenamine;  
25 2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-4-methylbenzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-6-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-ethylbenzenamine;  
30 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-ethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxy-3,5-dimethylbenzenamine;  
35 2-[[ (5-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;

- 2-[[ (5-chloro-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]benzenamine;  
2-[[ (5-ethoxy-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]benzenamine;  
5 2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-  
yl) sulfinyl]methyl]benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
(trifluoromethyl)benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
10 butylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5,6-  
dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,6-  
dimethylbenzenamine;  
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-  
6-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-  
methoxy-3-methylbenzenamine;  
2-[[ (5-ethoxy-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]-4-methylbenzenamine;  
20 2-[[ (5-methyl-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]-5,6-dimethylbenzenamine;  
2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-  
yl) sulfinyl]-3,6-dimethylbenzenamine;  
25 2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-yl)  
sulfinyl]methyl]-6-methoxybenzenamine;  
methyl 2-amino-3-[(1H-benzimidazol-2-  
ylsulfinyl)methyl]benzoate;  
ethyl 4-amino-3-[(1H-benzimidazol-2-  
ylsulfinyl)methyl]benzoate;  
30 ethyl 4-amino-3-[[ (5-methoxy-1H-benzimidazol-2-  
yl) sulfinyl]methyl]benzoate;  
2-[[ (5,6-dimethoxy-1H-benzimidazol-2-  
yl) sulfinyl]methyl]-4-methylbenzenamine;  
35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
fluorobenzenamine;

- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;
- 2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methoxy-3,5-dimethylbenzenamine;
- 5 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;
- 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;
- 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;
- 10 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;
- 6-[[ (4-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
- 15 6-[[ (5-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
- 6-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;
- 6-[[ (5-chloro-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
- 20 6-[[[5-(trifluoromethyl)-1H-benzimidazol-2-yl]sulfinyl]methyl]-2-pyridinamine;
- 6-[[ (5-ethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
- 25 6-[[ (5,6-dimethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
- 6-[[ (5,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
- 6-[[ (4,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;
- 30 6-[[[5-(hydroxymethyl)-1H-benzimidazol-2-yl]sulfinyl]methyl]-2-pyridinamine;
- 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;
- 35 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and



5-[ (1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine.

18. Method of Claim 14 wherein the viral  
5 protease is a herpesvirus protease.

19. Method of Claim 18 wherein the viral protease is a CMV protease.

10                   20. Method of Claim 19 wherein the viral  
protease is a CMV protease, encoded by U<sub>L</sub>80.